

CLIMATOLOGICAL DATA FOR JULY, 1912.

DISTRICT NO. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Moderate temperature conditions prevailed throughout the month, except that over Oklahoma and the Kansas and Texas areas, from 11th to 29th, maximum temperatures were much above the normal, the readings being above 100° at many stations nearly every day. The month closed cool, but hot winds occurred in parts of Oklahoma and northern Texas during the last decade. The precipitation was well distributed but light, and in many localities was scattered and insufficient for agricultural needs. Except 0.5 inch at Winfield, Colo., there was no snowfall within the district.

The following table summarizes the chief features of meteorological interest in the various portions of the district:

States and portions of States lying within District No. 7.	Mean temperature.	Departure from normal.	Mean precipitation.	Departure from normal.	Greatest precipitation in 24 hours.	Mean snowfall.	Number of days.			Prevailing wind direction.
							With 0.01 inch or more.	Clear.	Partly cloudy.	
Colorado.....	64.8	-1.2	3.22	+0.54	4.65	1 0.5	12	13	13	w.
New Mexico.....	71.7	-1.0	2.02	-1.37	2.10	0.0	7	13	15	s.w.
Texas.....	81.8	+2.6	1.68	-2.46	1.81	0.0	4	20	9	s.
Kansas.....	80.6	+2.5	2.13	-1.71	2.80	0.0	6	17	11	s.
Oklahoma.....	83.2	+2.9	1.40	-1.74	2.20	0.0	3	22	7	s.
Missouri.....	78.6	+1.7	3.40	-1.02	2.77	0.0	7	18	9	s.
Tennessee.....	79.9	+0.8	4.25	+0.35	5.15	0.0	8	16	9	s.
Arkansas.....	81.3	+1.4	2.82	-1.61	5.05	0.0	6	15	13	s.w.
Mississippi.....	80.8	+0.1	4.12	-0.56	3.25	0.0	10	14	10	s.
Louisiana.....	82.0	+0.7	6.63	+0.46	4.09	0.0	13	13	7	s.

¹ At one station.

TEMPERATURE.

Mean temperatures ranged from 0.1° to 4.4° above the normal, except in the Colorado and New Mexico areas, and in a few localities in Arkansas and Louisiana, and the Mississippi area, where there was a deficiency of 0.1° to 2.2°. In Oklahoma, the weather during July was, with two exceptions, the hottest of record. The highest temperature recorded was 111° at Bonham, Tex., and Anthony, Kans., and a maximum temperature of 110° was recorded at Ardmore and Healdton, Okla. The maximum readings were above 105° at many stations in Oklahoma and the Kansas and Texas areas on several days, especially during the last decade. The lowest temperature recorded was 25° on the 6th, at Elizabethtown, N. Mex.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Except in Colorado and at a few other widely scattered stations, the precipitation was below normal throughout this drainage

area. Over the headwaters of the Arkansas River, in Colorado, the average from 35 stations was 3.57 inches, about 0.5 inch above the normal. The average from 47 stations in those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma was 1.69 inches, about 1.8 inches below the normal. Over the Canadian Valley, the average from 70 stations was 1.84 inches, about 1.6 inches below the normal. The average from 21 stations in the Cimarron Valley was 2.24 inches, about 1.3 inches below the normal. Over the Verdigris and Neosho valleys, the average from 26 stations was 2.26 inches, about 2.0 inches below the normal. Below the Oklahoma-Arkansas line, the average from 16 stations in the Arkansas Valley proper was 1.69 inches, about 2.8 inches below the normal.

Red River and tributaries.—Over those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma, the average from 46 stations was 1.32 inches, about 2.3 inches below the normal. Below the Texas-Arkansas line, the average from 21 stations was 4.13 inches, about 0.6 inch below the normal.

Mississippi River south of St. Louis and small tributaries.—The precipitation was above the normal in some parts of this drainage area, but generally there was a deficiency. Over the immediate Mississippi Valley, the average from 39 stations was 4.10 inches, about 0.3 inch below the normal. The average from 23 stations in the Valley of the White was 3.40 inches, about 0.8 inch below the normal. Over the Yazoo Valley, the average from 22 stations was 3.49 inches, about 1.0 inch below the normal. The average for the Valley of the Big Black was 5.66 inches, about 1.0 inch above the normal. The amounts from 20 stations in the Ouachita Valley was 3.57 inches, about 0.8 inch below the normal.

Louisiana coastal plain.—Heavy precipitation occurred in some localities in this drainage area, the average from 33 stations being 7.73 inches, about 0.7 inch above the normal.

RIVERS.

No material changes occurred in the stages of the Arkansas River. At Little Rock, the stages were below the average for July and the water was too low for navigation after the 22d.

The upper White was low throughout the month. The lower White was relatively high during the first 15 days, but a rapid and steady fall occurred after the 15th.

Except for a few slight rises, the Red River fell during the month.

The Ouachita fell steadily, except that there was a sharp rise at Camden, Ark., from the 1st to 6th.

The Mississippi River below St. Louis fell generally, except that there was a moderate rise at all stations during the second decade.

TABLE 1.—Climatological data for July, 1912. District No. 7, Lower Mississippi Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Colorado.</i>																				
Buena Vista.....	Chaffee.....	7,955	12	56.3	- 4.4	78	10	34	2	40	3.30	+ 1.91	0.70	0	14	11	7	13	nw.	C. A. Short.
Calhan.....	El Paso.....	6,700	5	65.6	-	87	8†	46	4	33*	3.49	-	1.60	0	13	10	18*	2*	sw.	H. B. Rice.
Canon City.....	Fremont.....	5,343	24	71.9	- 1.4	94	8	49	5†	42	2.52	+ 0.74	1.36	0	9	27	2	2	nw.	U. S. Weather Bureau.
Colorado Springs.....	El Paso.....	6,098	32	65.0	- 2.8	88	8	43	5	35	2.66	- 0.16	1.15	0	16	6	20	5	n.	Colorado College.
Cripple Creek.....	Teller.....	9,396	11	-	-	-	-	-	-	-	4.59	+ 0.78	1.40	0	20	-	-	-	s.	F. G. Willis.
Cuchara Camps.....	Huerfano.....	8,200	3	-	-	-	-	-	-	-	3.82	-	1.98	0	9	23	6	2	sw.	George A. Mayes.
Eads.....	Kiowa.....	4,209	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Mrs. Mattie A. Kerr.	
Fairview.....	Custer.....	9,500	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Elizabeth L. Grey.	
Fremont Exp. Sta.....	El Paso.....	5,850	2	56.6	-	77	11	33	5	30	4.62	-	1.48	0	19	19	19	2	w.	U. S. Forest Service.
Garfield.....	Chaffee.....	9,510	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Lloyd N. Felton.	
Hamps.....	Elbert.....	5,400	19	66.2	- 1.1	90	8	41	5	43	2.20	- 0.33	0.67	0	9	13	12	6	s.	W. Hamp.
Hermit Lake.....	Custer.....	10,000	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	John E. Graham.	
Hoehne (near).....	Las Animas.....	5,700	20	70.9	+ 0.2	95	22	43	5	40	2.01	- 0.29	0.88	0	8	24	6	1	w.	S. W. De Busk.
Holly.....	Prowers.....	3,380	17	76.4	- 0.5	101	7†	49	4	41	2.77	- 0.07	1.30	0	8	16	12	3	se.	Holly Sugar Co.
La Junta.....	Otero.....	4,052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Fred B. Mason.	
Lake Moraine.....	El Paso.....	10,265	18	54.3	- 0.9	77	10	31	5	36	3.25	- 1.15	1.16	0	14	1	16	14	sw.	Clyde C. McReynolds.
Lamar.....	Prowers.....	3,592	22	77.5	- 0.2	104	8	51	5	45	3.82	+ 0.93	0.92	0	6	17	13	1	s.	J. T. Lawless.
Las Animas.....	Bent.....	3,899	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F. M. Tague.	
La Veta Pass.....	Costilla.....	9,000	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Clara M. Wright.	
Leadville.....	Lake.....	10,248	16	53.0	- 2.2	75	17	30	6	40	2.48	+ 1.12	0.82	0	19	7	11	13	sw.	U. S. Weather Bureau.
Limon (near).....	Elbert.....	5,360	5	68.8	-	92	7†	41	5	45	5.40	-	2.46	0	10	16	14	1	s.	F. L. Palmer.
Madrid.....	Las Animas.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Thos. Sawers.	
Manitou.....	El Paso.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	John Faucher.	
Marshall Pass.....	Saguache.....	10,846	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	W. L. Williams.	
Monument.....	El Paso.....	7,200	1	62.0	-	85	11	38	6	40	3.65	-	1.51	0	12	13	10	8	sw.	U. S. Forest Service.
North Lake.....	Las Animas.....	8,700	20	-	-	-	-	-	-	-	2.47	- 0.89	1.00	0	11	18	9	3	nw.	James W. Ingmire.
Oro.....	Lake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Frank A. Aicher.	
Pueblo.....	Pueblo.....	4,734	24	72.8	- 1.4	96	8	48	5	39	2.50	+ 0.53	0.86	0	9	11	17	3	se.	U. S. Weather Bureau.
Rocky Ford (near).....	Otero.....	4,177	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P. K. Blinn.	
St. Elmo.....	Chaffee.....	9,500	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Daniel Clark.	
Salida.....	do.....	7,035	13	62.4	- 2.8	87	10	34	6	49	3.14	+ 1.55	0.96	0	11	21	7	3	w.	M. D. L. Buell.
Santa Clara.....	Huerfano.....	8,252	17	62.6	- 0.3	86	7†	38	5	40	5.55	+ 2.16	4.65	0	6	7	23	1	sw.	Lincoln G. Morris.
Sheridan Lake.....	Kiowa.....	4,065	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Howard Gamble.	
Stonewall.....	Las Animas.....	8,000	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G. A. Story.	
Trinidad.....	do.....	5,994	16	70.0	-	90	7†	44	5	36	4.47	-	1.00	0	15	7	8	16	w.	Walter Dearden.
Two Buttes.....	Baca.....	4,100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N. G. Jones.	
Victor (near).....	Teller.....	10,100	8	56.8	-	76	8†	38	5	31d	5.20	-	1.97	0	10	19	11	1	w.	Fred Jones.
Vilas.....	Baca.....	3,935	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Carrie Konkel.	
Wayne.....	El Paso.....	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	J. C. Groff.	
Westcliffe.....	Custer.....	7,864	18	62.4	+ 0.8	86	10	30	5	45	1.47	- 1.21	0.48	0	8	5	15	11	sw.	Zack Jordan.
Winfield.....	Chaffee.....	9,765	2	65.2	-	88	11	42	5	35	2.67	-	0.57	0.5	20	2	25	4	sw.	John G. Payne.
Woodman Sanatorium.....	El Paso.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dr. J. E. White.	
Wortman.....	Lake.....	11,250	11	-	-	-	-	-	-	-	2.21	-	0.42	0	12	5	22	4	nw.	Geo. C. Wortman.
<i>New Mexico.</i>																				
Abbott.....	Mora.....	5,771	3	-	-	98	14†	-	-	-	0.19	-	0.05	0	4	18	12	1	s.	Agent E. P. & S. W. R. R.
Albert.....	Union.....	4,700	22	77.4	+ 0.3	99	10†	51	5	38	0.92	- 1.88	0.63	0	5	23	8	0	e.	Andrew Knell.
Aurora.....	Colfax.....	8,849	3	-	-	-	-	-	-	-	-	-	0.94	0	14	0	29	2	sw.	Miss J. Lucero.
Bell Ranch.....	San Miguel.....	4,500	8	78.9	-	100	9	46	2	48	2.23	-	1.16	0	9	17	10	4	se.	C. M. O'Donel.
Black Lake.....	Colfax.....	8,348	3	-	-	-	-	-	-	-	-	-	3.15	0	10	5	26	0	w.	Ralph T. Martinez.
Cabeza.....	San Miguel.....	5,406	3	-	-	95	15†	-	-	-	3.33	-	0.85	0	9	15	15	1	sw.	Agent E. P. & S. W. R. R.
Campana.....	do.....	4,493	3	80.9	-	103	14†	54	5	40	1.30	-	0.48	0	4	22	9	0	w.	Alfred Lucero.
Chacon.....	Mora.....	9,000	3	-	-	-	-	-	-	-	3.02	-	1.24	0	6	6	25	0	w.	William French.
Cimarron (near).....	Colfax.....	6,385	8	66.8	-	89	9	40	5	44	1.36	-	0.57	0	6	10	17	4	sw.	Dr. W. W. Chilton.
Clayton.....	Union.....	5,173	7	-	-	-	-	-	-	-	-	-	0.25	0	4	22	2	7	sw.	J. H. Barry.
Curry.....	Guadalupe.....	4,129	1	78.4	-	102	14	35	3†	42	0.78	-	-	-	-	-	-	-	Agent E. P. & S. W. R. R.	
Cuervo.....	do.....	4,849	3	-	-	96	7	44	7	52	4.11	-	1.32	0	7	5	20	6	nw.	Do.
Dawson.....	Colfax.....	6,396	3	70.4	-	85	13	25	6	53	2.87	-	0.82	0	12	10	21	0	nw.	Miss M. Carrington.
Elizabethtown.....	Union.....	8,465	7	56.8	-	90	9	38	5	33	1.94	-	0.79	0	11	10	21	0	sw.	David Rose.
Folsom.....	Mora.....	6,399	12	68.6	+ 0.2	86	9	38	5	42	1.59	-	2.28	0	9	20	10	1	sw.	M. C. Needham.
Fort Union.....	Union.....	6,835	52	63.8	- 3.2	86	9	38	5	42	1.59	-	2.28	0	11	7	24	0	sw.	J. B. Dickson.
Hayden.....	Union.....	4,444	2	74.8	-	101	14	50	5	39	3.23	-	0.50	0	5	12	19	0	sw.	W. H. Guthmand.
Hoosier Ranch.....	Mora.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A. J. Meloche, jr.	
Johnsons Park.....	Colfax.....	6,722	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Anthony Kappus.	
Kappus.....	Quay.....	4,010	1	-	-	-	-	-	-	-	3.23	-	1.02	0	8	-	-	-	John Bell.	
Lake Alice.....	Colfax.....	7,160	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	John B. Reneau.	
Logan.....	Quay.....	3,851	6	79.2d	-	102	9	56	6	40d	3.90	-	1.44	0	7	25	6	0	s.	J. G. Buchanan.
Lykins (near).....	Roosevelt.....	5,000	2	-	-	-	-	-	-	-	1.72	-	0.92	0	3	22	9	0	s.	Dan N. Jackson.
Maxwell (near).....	Colfax.....	5,894	5	-	-	-	-	-	-	-	1.09	-	0.40	0	6	-	-	-	sw.	Dr. B. M. Porter.
Melrose.....	Curry.....	4,400	4	-	-	-	-	-	-	-	0.77	-	0.27	0	3	-	-	-	sw.	Farmers' Development Co.
Miami Ranch.....	Colfax.....	6,000	4	67.6	-	89	8†	42	5†	44	1.19	-	0.35	0	8	9	22	0	sw.	J. E. La Rue.
Mills (near																				

TABLE 1.—Climatological data for July, 1912. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
Texas.																						
Amarillo.	Potter.	3,676	20	79.2	+ 3.1	99	30	60	16	33	1.88	- 1.29	1.0%	0	9	21	10	0	sw.	U. S. Weather Bureau.		
Archer City.	Archer.	1									0.71	- 0.71	0	1	29	2	0	0	s.	Charles H. Thuman.		
Arthur City.	Lamar.	590	20	85.8		111	29	67	1	35	1.74	- 4.27	0.00	0	0	28	0	3	s.	V. V. Bright.		
Bonham.	Fannin.	566	9	85.8							0.59	- 0.59	0	3	15	16	0	0	s.	H. M. Norman.		
Canadian.	Hemphill.	2,339	5								1.70	- 0.95	1.70	0	1	29	0	2	se.	Canadian Academy.		
Childress.	Childress.	1,569	19								1.00	- 0.60	0.60	0	3	28	0	6	se.	George Baker.		
Chillicothe.	Hardeman.	1,406	4								1.80	- 1.21	0.4	0	4	20	6	5	se.	A. B. Connor.		
Clarendon.	Donley.	2,719	7	82.6		104	12	61	6	36	1.73	- 3.12	1.60	0	3	22	9	0	se.	Whitfield Carhart.		
Clarksville.	Red River.	442	12	85.0	+ 1.9	105	29	68	1	30	2.50	- 3.65	0.45	0	3	22	3	6	s.	J. W. O'Neill.		
Claude.	Armstrong.	3,397	7								1.96	- 0.75	0.36	0	5	10	21	0	s.	Ft. W. & D. C. Ry.		
Dalhart.	Dallam.	3,998	7	77.3		99	12	51	5	38	0.72	- 3.65	0.50	0	3	25	2	4	s.	W. D. Griggs.		
Denison.	Grayson.	12									1.21	- 1.43	0.50	0	3	22	4	5	s.	E. B. Wilson.		
Finley.	Bowie.	2									1.21	- 1.43	0.50	0	3	22	4	5	s.	Robert L. Smith.		
Henrietta.	Clay.	915	20	86.3	+ 2.6	109	29	66	6	33	0.77	- 1.43	0.50	0	3	22	4	5	s.	C. K. Brown.		
Hereford.	Deaf Smith.	3,750	7								1.1	- 0.73	0.80	0	4	20	6	5	s.	A. C. Elliott.		
Memphis.	Hall.	2,067	7								1.1	- 0.73	0.80	0	4	20	6	5	s.	Ft. W. & D. C. Ry.		
Miami.	Roberts.	2,743	6	80.9		101	7†	6	6	36	4.19	- 3.65	0.45	0	3	22	3	3	s.	J. E. Kinney.		
Moebetie.	Wheeler.	18									1.1	- 0.73	0.80	0	4	20	6	5	s.	Dr. W. J. Joss.		
Ochiltree.	Ochiltree.	4									1.1	- 0.73	0.80	0	4	20	6	5	s.	S. J. Allen.		
Panhandle.	Carson.	3,450	3								1.1	- 0.73	0.80	0	4	20	6	5	s.	J. Sid O'Keefe.		
Paris.	Lamar.	592	23	83.5	+ 1.1	108	29	67	1†	33	2.58	- 0.66	1.21	0	6	27	0	4	s.	Robert A. Miller.		
Plemons.	Hutchinson.	5	78.0*			100	12	57 ^b	6	39	1.03	- 1.46	0.34	0	6	22	8	1	se.	C. S. Solomon.		
Quanah.	Hardeaman.	1,563	10	86.1		106	29	66	6	30	0.56	- 2.38	0.56	0	1	20	10	1	s.	William H. Crawford.		
Ringo Crossing.	Hopkins.	2		77.3		101	14	57	6†	37	2.59	- 4.21	0.24	0	7	12	17	2	s.	H. J. Palmer.		
Romero.	Hartley.	745	19	85.6	+ 3.3	103	29	70	3	23	0.49	- 2.20	0.24	0	3	27	2	2	s.	R. S. Chamberlain.		
Sherman.	Grayson.	3,699	7	77.5		98	12	52	5	36	1.56	- 2.59	0.75	0	6	11	19	1	s.	R. A. Gibbs.		
Stratford.	Sherman.	4,964	7								1.1	- 0.73	0.80	0	6	11	19	1	s.	J. W. Elliott.		
Texline.	Dallam.	3,501	14	80.0	+ 3.3	101	30	60	7†	38	1.58	- 2.59	0.70	0	10	8	23	0	s.	Ft. W. & D. C. Ry.		
Tulia.	Swisher.	2									1.1	- 0.73	0.80	0	6	11	19	1	s.	Lou Mulhall.		
Wellington.	Collingsworth.	958	20								1.1	- 0.73	0.80	0	6	11	19	1	s.	J. D. Camp.		
Wichita Falls.	Wichita.	2									1.1	- 0.73	0.80	0	6	11	19	1	s.	E. F. Mittinan.		
Winfield.	Titus.	958	20								1.1	- 0.73	0.80	0	6	11	19	1	s.	J. B. Newberry.		
Kansas.																						
Alden.	Rice.	1,684	2	83.8		111	24	61	6	37	0.56	- 3.15	0.20	0	5	12	16	3	sw.	L. B. Wait.		
Anthony.	Harper.	1,329	15	83.8							1.1	- 0.73	0.80	0	6	22	9	0	s.	R. H. Beebe.		
Ashland.	Clark.	1,951	24	81.7	+ 2.2	98	25†	61	1†	34	2.81	- 2.40	1.70	0	6	22	9	0	sw.	C. W. Carson.		
Burlington.	Coffey.	1,010	19	80.8	+ 2.7	105	14	60	18	37	1.19	- 2.72	0.61	0	6	4	27	0	s.	O. E. Sanford.		
Chanute.	Neosho.	940	8	81.2		102	24	61	1	35	2.45	- 2.72	1.73	0	5	4	26	1	sw.	C. W. Brown.		
Cimarron.	Gray.	2,700	7	77.8		99	12	55	16	37	4.89	- 1.55	0	8	19 ^b	8 ^b	2 ^b	s.	C. C. Isely.			
Coffeyville.	Montgomery.	747									1.38	- 2.50	0.42	0	7	14	14	1	s.	A. F. Briggs.		
Coldwater.	Comanche.	2,090	15	81.7	+ 2.7	103	12†	57	6	35	1.36	- 2.08	0.43	0	6	21	9	1	s.	J. L. Stanley.		
Columbus.	Cherokee.	898	22	80.0	+ 2.2	98	25†	61	1†	34	2.81	- 2.40	1.70	0	6	22	9	0	sw.	O. E. Skinner.		
Coolidge.	Hamilton.	3,348	15	77.0	+ 0.4	105	8	50	4†	45	2.76	- 0.26	1.70	0	3	14	13	4	se.	W. R. Padley.		
Cottonwood Falls.	Chase.	1,234	8	81.2		106	24	56	2	39	1.68	- 0.41	0.41	0	9	21	7	3	s.	E. B. Greene.		
Council Grove.	Morris.	1,234	3	78.9		100	24	59	31	30	4.03	- 1.31	0.31	0	10	16	13	2	s.	J. P. Blackledge.		
Cunningham.	Kingman.	1,680	28	82.6	+ 4.5	109	24	57	6	36	2.57	- 1.50	1.25	0	5	11 ^a	18 ^a	1 ^a	s.	W. H. Morton.		
Dodge City.	Ford.	2,513	38	78.6	+ 0.8	100	12	58	16	33	0.38	- 2.50	0.42	0	7	14	14	1	s.	U. S. Weather Bureau.		
El Dorado.	Butler.	1,291	10			101	24				1.44	- 0.50	0.50	0	5	25	6	0	s.	W. Y. Miller.		
Ellinwood.	Barton.	1,790	37	81.4	+ 3.9	105	24	51	1†	41	1.55	- 2.43	0.58	0	9	6	22	3	ne.	Martin Musil.		
Emporia.	Lyon.	1,138	31	80.0	+ 1.7	104	24	61	31	35	2.68	- 1.05	0.79	0	9	13	17	1	s.	W. H. Boyles.		
Eureka.	Greenwood.	1,079	16	81.1		105	24	60	30	33	0.87	- 3.83	0.45	0	4	18	10	3	s.	Mrs. T. C. Peffer.		
Fall River.	...dc.	925	16	82.3	+ 4.2	105	24	59	31	35	3.77	- 1.25	1.25	0	5	18	5	0	s.	J. McDaniel.		
Fargo.	Seward.	2									1.25	- 0.73	0.50	0	6	16	14	1	s.	N. B. Swink.		
Frederia.	Wilson.	975	9	81.2		102	24	61	1	32	1.49	- 1.25	0.50	0	6	21	10	0	s.	B. W. Holmes.		
Garden City.	Finney.	2,836	23	77.8	+ 0.4	102	11†	54	16	40	1.57	- 1.68	0.50	0	10	13	16	2	s.	B. F. Stocks.		
Great Bend.	Barton.	1,850	3								3.28	- 0.80	0.80	0	10	19	8	4	s.	I. Pritchard.		
Greensburg.	Kiowa.	2,235	5	80.4		104	24	60	5†	37	1.39	- 0.55	0.55	0	5	28	2	1	s.	C. C. Raymond.		
Grenola.	Elk.	1,116	24	81.6	+ 3.7	103	24	62	1†	35	1.18	- 2.34	0.76	0	4	19	12	0	sw.	W. H. Lawyer.		
Hess.	Gray.	6	76.7			101	12	51	9	47	4.33	- 1.90	0.90	0	5	20 ^b	6 ^b	3 ^b	sw.	Harry Jacques.		
Howard.	Elk.	1,112	5	81.3		104	24	61	30	35	0.24	- 0.15	0.15	0	3	26	5	0	s.	J. W. Eby.		
Hugoton.	Stevens.	8									1.06	- 0.66	0.66	0	5	16	6	9	s.	F. A. McCoy.		
Hutchinson.	Reno.	1,535	22	81.7	+ 4.3	105	12†	57	6	34	3.35	- 0.87	2.21	0	7	19	9	3	s.	E. S. Webster.		
Independence.	Montgomery.	800	38	81.5	+ 0.8	101	24	60	30	35	3.23	- 1.07	2.80	0	3	20	10	1	s.	F. L. Kenoyer.		
Iola.	Allen.	984	6	80.2	+ 2.1	100	24	62	30	33	1.49	- 2.43	0.57	0	8	14	12	5	s.	U. S. Weather Bureau.		
Irene.	Hamilton.	3,440	2	78.0		104	24	51	5	45	2.11	- 0.95	0.95	0	6	10	14	7	se.	N. M. Herbig.		
Jetmore.	Hodgeman.	2,268	11	79.4		102	24	54	16	42	0.58	- 2.62	0.39	0	4	20	20	0	s.	James Aiken.		
Kingman.	Kingman.	1,504	4	82.2		106	24	58	6	35	1.93	- 0.75	0.75	0	5	11						

TABLE 1.—Climatological data for July, 1912. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.								
Kansas—Continued.																						
Wellington.....	Sumner.....	1,225	16	82.8	+ 4.0	107	24	59	67	38	2.85	- 0.80	1.63	0	3	19	9	3	s.	E. O. G. Kelly.		
Wichita.....	Sedgwick.....	1,377	25	81.6	+ 2.6	101	24	64	6	29	1.28	- 2.34	0.52	0	6	15	15	1	s.	U. S. Weather Bureau.		
Winfield.....	Cowley.....	1,124	18	82.8	+ 4.2	103	24	63	67	30	1.48	- 2.59	0.60	0	4	24	5	2	s.	M. B. Light.		
Yates Center.....	Woodson.....	1,068	33	79.2	+ 1.9	101	25	55	1	35	3.00	- 1.36	1.65	0	4	15 ^a	14 ^a	1 ^a	s.	J. W. Tipton.		
Oklahoma.																						
Ada.....	Pontotoc.....	1,001	4	83.4	.....	106	29	64	6	31	0.80	.....	0.27	0	3	24	7	0	se.	W. S. Creveling.
Alva.....	Woods.....	1,350	7	84.3	.....	108	24	57	6	38	0.50	.....	0.40	0	2	8	22	1	s.	S. A. Stech.
Apache.....	Caddo.....	1,255	2	82.8	.....	105	28	62	6	37	1.39	.....	0.63	0	4	28	2	1	sw.	G. D. Teeter.
Arapaho.....	Custer.....	1,575	18	83.2	+ 3.1	106	25	60	6	41	1.19	- 2.49	0.55	0	4	21	10	0	s.	J. C. Brower.		
Ardmore.....	Carter.....	872	10	86.6	+ 4.4	110	29	67	6	36	0.24	- 2.82	0.11	0	3	19	10	2	s.	H. T. Nisbett.		
Arnett.....	Ellis.....	2,136	8	84.7	.....	104	24	65	1†	31	0.03	.....	0.02	0	2	20	11	0	s.	C. H. Holmes.
Bartlesville.....	Washington.....	687	4	84.7	.....	103	27†	65	1†	31	0.03	.....	0.02	0	2	20	11	0	s.	Dr. A. P. Owens.
Beaver.....	Beaver.....	2,500	15	83.9	+ 3.3	103	12	58	16	35	1.82	- 0.95	0.83	0	6	27	4	0	s.	W. C. Frazer.		
Blackburn.....	Pawnee.....	800	10	84.7	.....	101	28†	60	6	36	0.25	- 1.86	0.25	0	1	24	7	0	s.	M. M. Rhodes.	
Cache.....	Comanche.....	1,350	6	82.8	.....	101	28†	60	6	36	0.16	.....	0.75	0	2	27	1	3	s.	Mrs. Frank Rush.
Calvin.....	Hughes.....	713	7	84.7	+ 2.1	103	28	62	6	30	2.15	- 0.66	1.04	0	3	26	0	5	s.	Thomas Purcell.		
Chandler.....	Lincoln.....	865	10	83.7	+ 2.1	103	28	65	6	34	0.78	.....	0.38	0	3	20	10	1	s.	Squire Humble.	
Chattanooga.....	Comanche.....	1,150	6	81.8	.....	102	28	65	6	36	1.86	- 0.33	0.83	0	4	30	1	0	s.	J. C. Good.	
Chickasha.....	Grady.....	1,091	10	84.8	+ 2.1	106	25†	65	6	36	1.86	- 1.32	0.36	0	4	19	12	0	s.	J. P. Stutzman.		
Cloud Chief.....	Washita.....	1,400	10	84.8	+ 3.2	108	28	62	6	37	0.91	.....	0.75	0	5	20	3	8	s.	W. W. Blackburn.	
Crawford.....	Roger Mills.....	2,136	8	84.7	.....	104	24	65	1†	31	0.03	.....	0.30	0	3	24	7	0	s.	Nelson Houk.
Durant.....	Bryan.....	643	10	85.1	+ 4.1	106	29	67	6	33	0.03	- 4.31	0.03	0	1	29	2	0	s.	T. W. Lanham.		
Eldorado.....	Jackson.....	1,456	5	85.0	.....	106	29	65	5†	37	1.21	.....	0.61	0	3	21	10	1	s.	R. J. Carlite.
Elk City.....	Beckham.....	82.6	.....	103	28	62	6	32	0.77	.....	0.77	0	1	14	16	1	s.	Rose E. Walker.		
El Reno.....	Canadian.....	1,400	20	85.0	+ 4.8	106	25	63	1†	36 ^b	1.27	- 1.80	0.88	0	4	23	7	1	s.	Uri B. Worcester.		
Enid.....	Garfield.....	1,269	10	83.4	+ 2.2	106	24†	60	6†	37	0.96	- 2.29	0.25	0	6	27	3	1	s.	A. W. Hanes.		
Erick.....	Beckham.....	2,058	7	79.0	.....	104	28	56	1†	32	0.52	.....	0.13	0	5	18 ^a	10 ^a	2 ^a	s.	R. Uhl Brown.
Eufaula.....	McIntosh.....	566	.....	82.4	.....	104	29	61	7	32	0.66	.....	0.30	0	3	22	8	1	s.	C. W. Prier.
Fairland.....	Ottawa.....	839	12	82.0	+ 3.4	103	28	62	1	34	1.39	- 2.29	0.52	0	6	19	12	0	s.	John T. Welsh.		
Fort Gibson.....	Muskogee.....	556	7	84.8	.....	101	28	63	1†	32	0.52	.....	1.20	0	5	23	4	4	s.	B. B. Bradley.
Frederick.....	Tillman.....	1,293	5	84.8	.....	109	29	61	6	40	2.27	.....	1.46	0	7	20	11	0	s.	O. P. Ruth.
Geary.....	Blaine.....	1,546	8	83.6	.....	106	28	62	6	33	1.75	.....	1.26	0	4	22	8	1	s.	S. W. Black.
Goodwell.....	Texas.....	3,300	1	84.7	.....	100	12	62	6	33	1.90	.....	0.78	0	5	19	6	6	s.	S. E. Synder.
Guthrie.....	Logan.....	1,000	19	83.7	+ 2.1	106	28	62	6	34	5.25	+ 2.26	2.20	0	5	27	1	3	s.	A. L. Mordt.		
Guymon.....	Texas.....	3,133	2	84.8	+ 3.2	105	29	65	1†	35 ^a	0.50	- 3.40	0.30	0	3	25	6	0	s.	Frank Webber.		
Hartshorne.....	Pittsburg.....	700	13	84.8	+ 2.4	110	29	63	1†	34	0.25	- 2.30	0.93	0	2	23	8	0	s.	C. H. Heald.		
Healdton.....	Carter.....	900	18	83.7	+ 2.4	106	24	61	41	52	0.93	0	0	3	16	15	0	s.	R. E. Ellis.			
Helena.....	Alfalfa.....	1,396	4	84.4	.....	106	24	68	2†	34	0.25	.....	0.14	0	3	20	11	0	s.	Mrs. M. C. Parks.
Hennessey.....	Kingfisher.....	1,166	17	83.8	+ 2.7	108	25	61	5†	37	2.62	- 0.08	1.40	0	3	20	11	0	s.	Rev. J. E. Black.		
Hobart.....	Kiowa.....	1,396	9	83.0	.....	105	28	62	5	34	0.75	.....	0.33	0	5	13	18	0	s.	Eula L. Rutherford.
Holdenville.....	Hughes.....	900	11	83.8	+ 3.8	107	29	63	6	33	0.58	- 2.72	0.43	0	2	30	1	0	s.	H. N. Kelly.		
Hooker.....	Texas.....	3,038	6	78.3	.....	101	13†	57	6	40	2.19	.....	0.80	0	8	12	3	16	s.	Dr. C. W. Meyers.
Hurley.....	Cimarron.....	4,200	4	76.6	.....	103	11	50	4†	32 ^a	0.50	.....	0.80	0	5	20	6	0	s.	A. A. Bear.
Idabel.....	McCurtain.....	474	5	85.1	.....	108	29	66	1	35	2.80	.....	1.80	0	4	24	7	0	s.	T. E. Beck.
Jefferson.....	Grant.....	1,062	18	83.0	+ 2.3	105	28	60	6	33	2.39	- 1.01	1.05	0	4	26	6	0	s.	Wm. M. Guy.		
Kenton.....	Cimarron.....	4,000	11	75.3	- 0.8	97	8	46	5	40	1.05	- 1.18	0.32	0	8	21	9	1	s.	J. C. Cress.		
Kingfisher.....	Kingfisher.....	1,046	15	84.2	+ 3.6	106	25†	62	6	38	1.71	- 1.59	1.12	0	5	16	0	0	s.	F. C. Davis.		
Lawton.....	Comanche.....	1,111	11	85.5	.....	105	28†	67	6	33	0.37	.....	0.31	0	3	26	5	0	s.	Wm. Noble.
McAlester.....	Pittsburg.....	698	15	85.2	.....	109	29	65	6†	33	0.84	- 3.05	0.44	0	4	23	4	4	s.	F. D. Dodson.	
Mangum.....	Greer.....	1,555	19	83.8	+ 1.8	106	28	61	6	36	1.76	- 0.77	1.30	0	6	21	6	4	s.	Wm. B. Anthony.		
Marlow.....	Stephens.....	1,292	11	84.4	+ 3.7	106	29	64	6	33	2.04	- 0.26	1.65	0	3	20	6	5	s.	May.		
May.....	Harper.....	81.1	.....	101	24	57	6	38	3	30	0.63	.....	1.42	0	5	14	13	4	s.	G. C. Gray.
Meeker.....	Lincoln.....	1,030	18	84.0	+ 3.4	104	25†	63	6	32	1.65	- 1.10	1.00	0	3	25	5	1	s.	Dr. J. H. Baugh.		
Muskogee.....	Muskogee.....	614	13	83.6	+ 4.4	105	28	64	11	30	0.73	- 3.26	0.56	0	3	25	2	4	s.	J. Harry Randall.		
Mutual.....	Woodward.....	4	82.8	.....	109	24	56	6	39	0.88	.....	0.30	0	4	24	6	1	s.	Thos. Martin.	
Neola.....	Caddo.....	1,500	6	82.8	.....	104	28	63	5	33	1.86	.....	1.46	0	5	18	0	0	s.	R. N. Schooling.
Newkirk.....	Kay.....	1,149	14	85.6	+ 4.5	107	24	61	6	32	2.00	- 1.42	0.80	0	5	24	5	2	s.	P. H. Allright & Co.		
Norman.....	Cleveland.....	1,171	17	83.4	+ 2.8	104	29	63	6	34	0.77	- 2.43	0.52	0	3	13	18	0	s.	S. E. Boyd.		
North Muskogee.....	Muskogee.....	900	18	84.7	.....	108	28	63	3	38	0.74	.....	0.32	0	3	27	0	4	s.	J. E. Walker.
Oakwood.....	Dewey.....	1,854	2	81.0	.....	103	28	58	6	30	1.13	.....	0.63	0	5	20	1	5	s.	Dr. F. P. Osborn.
Okeeme.....	Blaine.....	1,194	7	84.0	.....	106	28	60	6	33	0.99	.....	0.32	0	6	19	12	0	s.	Dr. L. H. Murdoch.
Oklahoma.....	Oklahoma.....	1,247	22	82.5	+ 2.7</td																	

TABLE 1.—*Climatological data for July, 1912. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
Missouri—Continued.																					
Gano.	Dent.	9	79.6	98	24†	58	27	37	1.38	0.44	0	7	19	10	2	s.	A. C. Leech.				
Goodland.	Iron.	900	8	76.2	95	15†	55	27	34	2.76	0.89	0	8	14*	15*	1*	s.	F. M. Adams.			
Hollister.	Taney.	1,000	3	78.4	98	28	58	31	32	2.00	0.85	0	5	22	0	9	se.	W. P. Chapman.			
Ironton.	Iron.	925	35	77.6	+ 2.0	96	15	57	27	33	5.07	+ 0.50	2.77	0	7	10	17	4	s.	W. H. Delano.	
Jackson.	Cape Girardeau.	458	22	79.4	+ 2.9	99	18	60	28	31	4.27	+ 0.50	1.04	0	9	10	13	8	s.	L. M. Bean.	
Joplin.	Jasper.	979																Miss Ruth Smith.			
Koshkonong.	Oregon.	911	13	78.4	+ 1.0	94	23†	60	31	24	2.53	— 2.21	1.40	0	8	10*	12*	1*	s.	J. W. Hitt.	
Lamar.	Barton.	964	32	80.7	+ 2.6	99	24	63	1†	35	1.56	— 2.90	0.47	0	7	23	5	3	sw.	E. H. Adams.	
Marble Hill.	Bollinger.	420	19	77.1	+ 0.3	95	24	55	17	34	3.18	— 1.81	1.00	0	5	17	13	1	s.	A. F. Hendrix.	
Mountaintrove.	Wright.	1,490	14	76.9	+ 1.5	94	24	52	1	32	4.53	— 0.26	1.27	0	7	18	9	4	s.	Mo. Fruit Exp. Sta.	
Mount Vernon.	Lawrence.	1,480	36	79.4	+ 1.9	99	28	61	30	36	3.62	— 1.77	1.69	0	8	18	11	2	sw.	J. R. White & Son.	
Neosho.	Newton.	1,023	30	80.0	+ 2.6	97	28	58	11	35	2.55	— 1.75	1.09	0	5	27	4	0	s.	W. O. Buck.	
New Madrid.	New Madrid.	285	19								2.89	— 1.63	0.80	0	7	21	3	7	s.	Miss Josie Smith.	
Oakfield.	Franklin.	793	21	78.8	+ 1.4	99	24	61	19†	32	2.99	— 1.83	1.27	0	5	9	19	3	s.	E. E. Steines.	
Olden.	Howell.	1,246	23	77.5	+ 1.6	94	25	59	16	32	5.36	+ 0.90	2.30	0	7	17	13	1	sw.	J. D. Evans.	
Rolla.	Phelps.	1,139	32	78.6	+ 2.0	95	14	60	15	34	4.18	+ 0.04	2.13	0	7	18	9	4	sw.	Prof. P. J. Wilkins.	
Springfield.	Greene.	1,350	25	78.2	+ 1.7	96	24	63	1	25	1.40	— 3.39	0.71	0	9	20	9	2	s.	U. S. Weather Bureau.	
Kentucky.																					
Blandville.	Ballard.	445	31	78.0	+ 0.1	93	15	64	27†	25	1.84	— 2.05	1.09	0	8	9	17	5	s.	E. W. Horr.	
Tennessee.																					
Arlington.	Shelby.	30	80.3	+ 0.9	98	22	62	27	29	4.62	+ 0.88	1.20	0	7	11	11	9	s.	A. Thomas B. Etheridge.		
Bolivar.	Hardeman.	450	25	79.6	+ 1.1	95	25	60	7	28	3.07	— 0.76	0.87	0	7	22	1	8	s.	Miss Mary A. Smith.	
Brownsville.	Haywood.	361	27	81.8	+ 2.5	95	23†	63	27	30	2.53	— 0.97	0.60	0	10	14	12	5	s.	Miss Hatlie N. Moses.	
Covington.	Tipton.	311	25	80.1	+ 0.7	94	23†	64	27	23	6.39	+ 3.57	2.00	0	9	23	0	8	s.	James S. Ruffin.	
Dyersburg.	Dyer.	310	29	81.0	+ 1.1	99	23	65	24	27	6.89	+ 3.24	2.00	0	7	16	5	10	se.	Miss Martha A. Sinclair.	
Jackson.	Madison.	450	19	80.5	+ 1.4	98	22	61	28†	34	2.66	— 2.15	0.74	0	8	9	18	4	0	Sherby A. Robert.	
Kenton.	Obion.	325	10	78.8	+ 0.3	93	23	60 ^b	27	26 ^b	3.15	— 1.65	1.24	0	6	10 ^a	14 ^d	3 ^d	sw.	George S. Martin.	
Memphis.	Shelby.	409	41	80.3	+ 0.1	94	25	69	10	21	3.27	— 0.24	2.19	0	7	14	12	5	sw.	U. S. Weather Bureau.	
Milan.	Gibson.	440	29	78.5	— 0.7	93	23†	63	27†	27	9.19	+ 5.42	5.15	0	7	14	3	14	s.	Orlando F. Cantwell.	
Trenton.	do.	345	29	79.2	+ 1.5	96	15	60	27†	32	2.24	— 1.14	1.40	0	7	24	5	2	sw.	F. L. Dennison.	
Union City.	Obion.	360	14	79.2	— 0.1	95	24	62	27†	30	2.22	— 2.17	0.90	0	9	16	13	2	s.	J. B. Kimzey.	
Arkansas.																					
Alicia.	Lawrence.	8	80.2	96	28	63	26†	32	3.32	— 1.90	0	4	25	6	0	s.	McCullough and Guelck.				
Amity.	Clark.	250	20	82.4	+ 2.3	101	26†	62	1	30	2.85	— 1.07	0.90	0	5	15	16	0	sw.	J. W. Campbell.	
Arkadelphia (near).	do.	250	5	82.7	99*	25†	63 ^a	31	30	3.60	— 1.96	0	7						s.	J. A. Ross.	
Arkansas City.	Deshay.	145	20								3.19	— 0.69	0.95	0	8					w.	W. C. Blundell.
Batesville.	Independence.	271	7								3.50	— 1.72	1.72	0	7						Lelia I. Teter.
Bee Branch.	Van Buren.	20	81.8	+ 2.2	104	25	62	3	37	0.90	— 2.81	0.70	0	3	20	8	3			J. E. Scanlan.	
Benton.	Saline.	283	5	82.2		102	25†	64	28	38	1.68	— 0.97	0.97	0	3	21	7	3	s.	P. B. Jackson.	
Bentonville.	Benton.	1,303	7	79.6	+ 1.1	98	28	62	1	31	0.43	— 3.88	0.40	0	4	22	8	1	s.	U. S. Weather Bureau.	
Bergman.	Boone.	1,324	15	74.8	+ 2.3	96	25†	56	1†	44	2.68	— 2.08	1.23	0	5	26	2	3	sw.	John T. Maxey.	
Black Rock.	Lawrence.	259	8								4.42	— 1.67	0	9						s.	S. J. Howe.
Brinkley.	Monroe.	226	26	82.6	+ 2.8	101	25	63	28	35	5.81	+ 1.84	3.86	0	5						H. L. D. Whitson.
Calico Rock.	Izard.	361	8								2.93	— 2.75	0	3							W. H. Stoner.
Camden.	Ouachita.	158	27	81.5	+ 0.4	97	25†	65	28	30	2.88	— 1.42	0.91	0	8	17	6	8	sw.	R. K. Quartermann.	
Centerpoint.	Howard.	470	12	83.1	+ 1.5	102	26†	64	1	30	2.50	— 2.68	1.30	0	3	13	14	4	sw.	J. M. Huddleston.	
Clarendon.	Monroe.	171	8								4.78	— 1.72	0.72	0	8						Mrs. B. E. Bishop.
Conway.	Faulkner.	309	29	82.8	+ 2.4	101	25†	67	28	33	1.16	— 2.41	0.28	0	8	20	9	2	s.	G. H. Burr.	
Corning.	Clay.	293	20	80.0	+ 1.1	93	14†	62	27	25	3.40	— 0.03	0.94	0	8	16	12	3	s.	Jacob Brobst.	
Dardanelle.	Clay.	330	26	81.4		100	29	64	1	27	1.39	— 2.83	0.50	0	5					A. Bernard.	
Desha.	Marion.	1,175	31	78.9	— 1	98*	23	56*	31	34*	2.95	— 5.11	— 2.03	0	4	2	28	1	s.	Neal Dodd.	
Dumas.	Deshay.										5.11	— 2.55	0	7	17	12	2			Lawrence Waterman.	
Dutton.	Madison.	10	78.6								3.57	— 1.84	1.84	0	8	16	13	2	sw.	J. M. Ricketts.	
Eldorado.	Union.	265	8	82.2		99	26	66	28	30	2.81	— 1.28	0	6	13					Jeff J. Babb.	
England.	Lonoke.	6	8	82.6		101*	25†	67*	13	27*	1.51	— 0.72	0	6	13	13	5	s.	J. C. Chenuault.		
Eureka Springs.	Carroll.	1,465	10	80.6	+ 3.5	101	25†	60	30	38	0.95	— 3.49	0.42	0	3	17	12	2	sw.	George W. Nichoalds.	
Fayetteville.	Washington.	1,451	23	80.7	+ 3.3	99	28†	61	1	30	3.06	— 1.75	2.10	0	6	13	16	2	sw.	University of Arkansas.	
Fordyce.	Dallas.	81.8				97	30	66	28	28	2.63	— 0.62	0	7	13	13	5	s.	A. Tredick.		
Fort Smith.	Sebastian.	481	30	83.3	+ 2.8	101	28	67	1	34	0.78	— 3.06	0.34	0	5	14	13	4	e.	U. S. Weather Bureau.	
Frazers Turnpike.	Pulaski.	357	33	82.0	+ 1.4	99	25	68	1	25	1.93	— 2.06	0.42	0	9	13	13	5	s.	R. E. Brown.	
Fulton.	Hempstead.	264	8								5.00	— 2.16	0	4						C. A. Caywood.	
Hardy.	Sharp.	643	14	79.9	+ 1.4	99	24	62	27	30	2.08	— 2.02	1.25	0	8	2	24	5	sw.	B. F. Modisett.	
Helena.	Phillips.	182	27	81.6	+ 0.2	100	30	63	12	30	2.99	— 1.03	1.10	0	10	3	28	0		Army and Navy Grn. Hosp.	
Hot Springs.	Garland.	600	20	83.0	+ 2.6	101	25†	59	1	27	1.46	— 3.66	0.72	0	7	13	14	4	sw.	C. A. Berry.	
Huttig.	Graighead.	85	5	82.2		99	26	65	25	31	3.74	— 1.03	1.10	0	10	3	28	0		Benedictine Sisters.	
Jonesboro.	Junction.	345	17	81.6	+ 0.8	98	25†	63	27	33	2.78	— 0.45</									

TABLE 1.—Climatological data for July, 1912. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Mississippi.																				
Anguilla.	Sharkey.	107	4	81.6	.....	95	20†	65	28	27	6.91	.....	3.25	0	9	5	22	4	sw.	E. W. Cook.
Austin.	Tunica.	200	16	81.2	+ 0.9	99	25	63	27†	34	5.49	+ 1.33	1.86	0	8	24	3	4	s.	H. J. Irvine.
Batesville.	Panola.	230	25	80.9	+ 0.7	98	25	62	27	32	1.37	- 2.78	0.35	0	8	19	1	11	w.	J. M. Cox.
Big Creek.	Calhoun.	2	80.2	.....	99	23	63	28	30	1.04	.....	0.53	0	7	11	12	8	s.	J. P. Havens.	
Byhalia.	Marshall.	390	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. Bowen.	
Canton.	Madison.	228	22	80.8	+ 0.2	97	30	67	28	29	3.90	- 0.34	1.20	0	9	5	21	5	s.	Dr. G. W. Smith-Vaniz.
Charleston.	Tallahatchie.	2	82.4	.....	103	30	61	29	37	1.25	.....	0.42	0	5	21	4	4	s.	W. B. Burke.	
Clarksdale.	Coahoma.	177	5	81.3	.....	97	25	64	28	30	5.28	.....	1.85	0	12	15	1	15	s.	A. C. Tuttle.
Cleveland.	Bolivar.	160	.....	.....	.....	.....	.....	.....	.....	.....	2.81	.....	1.72	0	6	27	1	3	s.	W. W. Boone.
Coffeeville.	Yalobusha.	241	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. K. Bailey.	
Corinth.	Alcorn.	470	24	80.2	+ 1.4	98	25	(2)	28	30	5.16	+ 0.20	1.20	0	11	13	4	14	s.	M. A. Candler.
Crenshaw.	Panola.	187	3	.....	.....	.....	.....	.....	.....	.....	3.27	.....	1.36	0	13	.....	.....	.....	s.	Mrs. A. L. Fitzgerald.
Denmark.	Lafayette.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. Welch.	
Duck Hill.	Montgomery.	13	81.4	+ 1.4	96	25	62	29	7.43	+ 2.61	2.56	0	12	10	18	3	3	s.	W. H. Eskridge.	
Edwards.	Hinds.	222	25	80.2	- 1.9	97	26	62	8	30	7.03	+ 1.81	2.10	0	11	13	17	1	s.	E. F. Farr.
Enid.	Tallahatchie.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. D. Burdeshaw.	
Fayette.	Jefferson.	270	11	79.6	- 0.6	94	26	63	28	26	5.05	- 0.21	1.40	0	10	6	25	0	sw.	T. L. Darden.
Greenville.	Washington.	126	25	83.2	+ 1.4	99	25	67	28	28	0.82	- 3.49	0.31	0	11	22	1	8	sw.	F. L. Harbison.
Greenwood.	Leflore.	140	12	81.7	+ 1.0	101	25	66	27†	31	4.80	- 0.94	2.24	0	9	18	7	6	sw.	J. H. Stephen.
Grenada.	Grenada.	194	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. A. Jones.	
Hernando.	De Soto.	391	24	81.3	+ 1.1	98	25	63	27	30	2.36	.....	0.47	0	9	19	5	7	e.	W. F. Wood.
Hickory Flat.	Benton.	435	3	.....	.....	.....	.....	.....	.....	.....	6.88	.....	2.00	0	8	8	20	3	s.	H. Powell.
Holly Springs.	Marshall.	600	25	79.6	- 0.7	96	25	65	27	26	2.90	- 1.41	1.41	0	11	14	5	12	se.	L. B. Mosby.
Kosciusko.	Attala.	430	22	80.0	+ 0.3	95	25†	65	27†	27	6.64	+ 1.83	2.92	0	12	15	15	1	se.	E. L. Lucas.
Lake Cormorant.	De Soto.	206	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Hulda Brantley.	
Lula.	Coahoma.	182	3	.....	.....	.....	.....	.....	.....	.....	5.34	.....	1.55	0	9	.....	.....	.....	Mrs. T. H. Brown.	
Malone.	Marshall.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. J. Wilkins.	
Marks.	Quitman.	163	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. R. P. Hayes.	
Natchez.	Adams.	206	24	80.6	- 1.2	96	26†	65	27	25	6.22	+ 1.02	1.10	0	12	17	3	11	se.	F. L. Garrity.
New Albany.	Union.	398	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. Marshall.	
Pontotoc.	Pontotoc.	475	23	78.2	- 0.7	95	25	61	9	26	3.03	- 1.83	1.48	0	4	9	19	3	se.	Dr. C. W. Bolton.
Port Gibson.	Claiborne.	116	24	80.7	- 0.4	96	26†	64	28	25	5.34	+ 0.80	1.78	0	14	12	3	16	e.	H. H. Crisler.
Rosedale.	Bolivar.	143	4	82.2	.....	102	5	65	28	30	4.12	.....	1.20	0	11	14	6	11	sw.	T. J. Murray.
Senatobia.	Tate.	284	3	.....	.....	.....	.....	.....	.....	.....	2.08	.....	1.35	0	4	25	0	6	sw.	C. Brickell.
Sho糸oe.	Madison.	9	79.0	.....	98	30	63	28	31	5.09	+ 0.75	1.98	0	6	20	6	5	s.	J. C. Pitchford.	
Suffolk.	Franklin.	11	80.5	+ 0.2	98	26	65	28	32	3.32	- 3.81	1.21	0	19	9	15	7	s.	Prof. G. H. Kent.	
Swan Lake.	Tallahatchie.	148	7	.....	97	17	67†	27	25†	2.58	.....	0.57	0	5	19	5	7	e.	W. J. Hawkins.	
Tchula.	Holmes.	130	7	81.8	.....	97†	17	67†	27	25†	1.12	.....	0.85	0	5	.....	.....	.....	Dr. P. M. Winkler.	
University.	Lafayette.	502	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. J. H. Dorroll.	
Utica.	Hinds.	287	8	80.2	.....	95	26	65	28	26	7.80	.....	2.70	0	12	8	13	10	s.	U. S. Weather Bureau.
Vicksburg.	Warren.	247	41	80.6	+ 0.2	94	26	69	12	21	3.60	- 0.82	1.28	0	14	5	18	8	s.	Miss Louisa Erikson.
Water Valley.	Yalobusha.	300	23	80.7	+ 0.5	99	25	64	28	29	1.79	- 2.59	0.63	0	5	18	9	4	e.	James E. Lee.
Woodville.	Wilkinson.	560	19	79.8	- 1.6	96	26†	67	28	24	4.39	- 3.09	1.10	0	16	20	1	se.	W. H. Courts.	
Yazoo City.	Yazoo.	116	18	81.1	- 0.9	96	30	65	28†	29	4.26	- 0.30	1.28	0	11	17	1	13	e.	North Louisiana Expt. Sta.
Louisiana.																				
Abbeville.	Vermilion.	18	24	81.6	0	97	26	70	1†	25	7.06	- 0.52	1.70	0	18	14	12	5	se.	C. J. Edwards.
Alexandria.	Rapides.	77	24	82.4	+ 0.4	98	26†	63	7	29	6.08	+ 0.22	1.93	0	10	15	4	12	s.	Nellie Graham.
Amite.	Tangipahoa.	130	24	80.8	- 0.5	99	30	66	28	22	1.31	+ 3.97	2.50	0	14	6	25	0	s.	Lulu M. Wentz.
Antioch.	Claiborne.	53.0	.....	101	26	67	12†	28	23	3.57	.....	0.97	0	11	23	0	8	s.	W. L. Anglin.	
Avoca Island.	St. Mary.	1	.....	.....	.....	.....	.....	.....	.....	10.00	.....	2.00	0	11	16	0	15	.....	J. N. Pharr & Sons, Ltd.	
Baton Rouge.	East Baton Rouge.	60	24	80.8	- 0.6	97	26†	65	2	27	9.48	+ 3.06	2.20	0	18	18	3	10	se.	Elmo M. Bott.
Burnside.	Ascension.	20	12	81.7	+ 0.8	97	29†	68	2	25 ^a	6.94	+ 3.31	1.46	0	20	8	5	18	s.	C. S. McFarland.
Burrwood.	Plaquemines.	1	24	82.8	+ 0.3	97	13	65	1	21	5.33	- 1.93	1.02	0	9	24	5	2	sw.	Graham Meyers.
Cades.	St. Martin.	2	80.6	.....	98	30	68	1	25	5.70	.....	1.65	0	14	12	11	8	s.	C. E. Smedes.	
Calhoun.	Ouachita.	180	24	81.7	+ 0.4	99	26†	64	28	32	3.94	- 0.53	1.22	0	13	10	19	2	s.	North Louisiana Expt. Sta.
Cameron.	Cameron.	6	19	78.3	- 3.5	98	27	62	15	31	2.94	- 4.76	1.04	0	9	8	23	0	sw.	Adolph Bruckert.
Cheneyville.	Rapides.	67	24	82.6	+ 1.0	98	26	69	1†	27	6.78	+ 1.42	2.65	0	12	19	3	9	s.	Walter I. Tanner.
Cinclare.	West Baton Rouge.	2	24	81.6	.....	97	30	68	27	28	6.35	.....	1.02	0	15	6	10	15	s.	Cinclare Central Factory.
Clinton.	East Feliciana.	113	24	79.6	- 1.2	94	25	67	1†	23	4.72	- 2.31	1.48	0	21	5	23	3	n.	John A. White.
Collinston.	Morehouse.	65	11	83.5	+ 1.4	100	26	75	28	28	5.14	- 0.38	0.96	0	12	8	7	16	s.	John B. Reily.
Columbia.	Caldwell.	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. W. Blanks.	
Covington.	St. Tammany.	39	20	81.8	+ 0.6	99	27†	68	2	27	11.46	+ 3.99	4.09	0	14	15	4	12	s.	Cecille P. Champagne.
Dodson.	Winn.	3	82.4	.....	100	29	67	12†	32	34	4.06	.....	1.58	0	11	15	1	1	s.	J. P. Lucas.
Donaldsonville.	Ascension.	33	24	82.6	+ 1.4	98	25†	70	1†	25	11.23	+ 5.46	1.78	0	17	14	6	11	s.	John F. Park.
Dutchtown.	do.	.....	.....	.....	.....	.....	.....	.....	.....	7.64	.....	1.46	0	16	9	17	5	s.	Picard & Geismar, Ltd.	
Farmerville.	Union.	117	24	80.6	- 0.5	97	25	66	27	26 ^a	5.05	+ 0.32	1.12	0	14	10	19	2	s.	W. P. Chandler.
Ferriday.	Concordia.	5	83.4	.....	96	20	72	1	16	5.91										

TABLE 1.—*Climatological data for July, 1912. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Louisiana—Continued.</i>																				
Morgan City.....	St. Mary.....	14	6	.....	.....	.....	.....	.....	.....	7.11	.....	1.83	0	11	12	1	18	se.	Virgil E. Kinsey.	
Newellton.....	Tensas.....	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John D. Fultz.	
New Iberia.....	Iberia.....	15	24	82.2	+ 0.8	95	22	70	1	20	7.15	- 0.18	1.30	0	16	10	3	18	e.	Mrs. John A. Gebert.
New Orleans (1).....	Orleans.....	51	41	81.8	+ 0.5	95	30	70	1	17	7.38	+ 0.91	1.35	0	18	7	6	18	se.	U. S. Weather Bureau.
New Orleans (2).....	do.....	18	24	82.2	- 0.1	98	26	69	2 ^f	26	10.36	+ 3.64	2.70	0	16	6	5	20	s.	Sugar Experiment Station.
Opelousas.....	St. Landry.....	83	20	81.7	+ 0.1	96	6	67	29	26	8.82	+ 2.61	1.71	0	14	17	1	13	s.	Andrew Moresi.
Paradis.....	St. Charles.....	1	1	.....	.....	.....	.....	.....	.....	5.52	.....	1.84	0	8	.....	.....	.....	.....	R. E. Boyce.	
Pearl River.....	St. Tammany.....	29	6	.....	.....	.....	.....	.....	.....	5.02	.....	1.30	0	13	20	8	3	w.	George F. Banks.	
Plain Dealing.....	Bossier.....	268	20	83.3	+ 1.7	102	29	68	12	31	1.13	- 3.75	0.55	0	5	12	16	3	se.	Leon Sanders.
Rayne.....	Arcadia.....	44	20	81.8	- 0.4	100	31	70	1 ^f	26	5.10	- 1.88	1.60	0	11	17	4	10	s.	A. P. McNeil.
Reserve.....	St. John Baptist.....	11	11	85.2	+ 2.9	104	31	69	11 ^f	32	9.12	+ 2.83	2.07	0	12	11	8	12	n.	Leon Godchaux Co., Ltd.
Richland Plantation.....	Rapides.....	.....	.....	80.3	.....	92	27 ^f	70	1 ^f	21	5.53	.....	1.12	0	17	19	4	8	s.	A. B. Pendleton.
Robeline.....	Natchitoches.....	147	16	82.8	+ 1.7	102	29	63	12	33	3.40	- 1.23	1.00	0	6	18	6	7	e.	Ruby McCook.
Ruston.....	Lincoln.....	312	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Andor M. Larson.	
St. Francisville.....	West Feliciana.....	115	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. W. Newman.	
Schriever.....	Terrebonne.....	17	20	82.6	+ 0.8	99	31	67	11	26	8.24	- 0.67	1.60	0	11	22	3	6	e.	Harriet F. Riviere.
Shreveport.....	Caddo.....	249	41	83.0	+ 0.9	98	29	68	31	24	3.73	+ 0.01	2.44	0	7	16	14	1	se.	U. S. Weather Bureau.
Simmesport.....	Avoyelles.....	42	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. T. Leigh.	
Southern Univ. Farm.....	Jefferson.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. L. St. Martin.	
Sugartown.....	Calcasieu.....	19	81.9	+ 0.2	96	29	66	1	23	4.74	- 0.15	1.15	0	14	10	9	12	se.	G. W. Richardson.	
Talithah.....	Madison.....	91	5	82.4*	.....	99	31	67	30	32*	4.02	.....	1.32	0	9	3	27	1	.....	Neal T. Halt.
Walker.....	Livingston.....	2	80.4	.....	.....	95	30	65	28	29	11.92	.....	2.80	0	15	10	14	7	ne.	H. C. Fondren.
Winnboro.....	Franklin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Carlton.	

*, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for July, 1912. District No. 7, Lower Mississippi Valley.*

TABLE 2.—*Daily precipitation for July, 1912. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for July, 1912. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for July, 1912. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for July, 1912. District No. 7—Continued.*

* Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

1. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations for July, 1912. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.					New Mexico.				Texas.				Kansas.								Oklahoma.						
	Lamar.		Leadville.		Pueblo.	Albert.		Cimarron.		Amarillo.		Paris.		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore.		Bartlesville.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	92	60	59	33	81	58	89	55	81	46	95	63	81	67	86	66	86	66	85	62	91	65	85	65	87	68	90	65
2....	96	55	65	34	88	54	87	57	77	46	93	68	89	72	93	64	97	64	85	65	96	69	89	69	94	72	90	70
3....	95	69	62	37	91	54	88	60	82	47	90	67	91	73	90	64	95	64	90	69	91	63	93	70	95	74	94	74
4....	89	60	49	31	82	58	79	53	74	46	91	67	91	70	85	65	93	71	90	73	87	67	91	74	94	72	94	72
5....	91	51	57	34	77	48	88	51	78	40	84	61	88	71	80	63	84	65	90	68	83	59	88	65	94	73	95	70
6....	93	66	70	30	85	52	86	56	84	44	92	62	95	68	88	60	91	57	80	67	90	57	85	64	95	67	91	65
7....	102	64	70	41	95	56	92	61	86	47	95	62	92	67	94	66	94	67	91	65	98	67	90	68	101	73	96	67
8....	104	64	70	39	96	58	98	60	86	45	96	68	94	70	96	72	98	71	94	73	100	69	94	72	99	73	98	72
9....	97	63	70	40	87	54	98	66	89	45	96	69	94	71	97	69	102	72	94	73	99	66	96	74	100	74	98	72
10....	91	56	72	38	89	60	99	65	84	53	95	69	94	71	90	66	91	69	89	72	94	66	91	74	103	72	101	72
11....	101	63	70	40	95	57	94	63	86	49	95	66	96	70	98	65	102	69	90	67	101	68	98	69	104	72	100	70
12....	100	61	64	41	93	65	98	65	87	48	97	70	99	70	100	73	105	75	94	75	102	69	99	75	103	73	100	73
13....	99	65	72	37	93	59	99	62	85	55	95	66	97	71	96	66	100	72	97	75	100	65	97	76	101	74	103	75
14....	100	55	67	48	92	60	95	67	88	52	96	68	97	73	97	69	102	85	95	74	100	67	96	75	101	74	101	73
15....	67	56	69	43	66	58	85	60	73	58	88	70	98	74	76	60	91	72	85	71	94	65	82	69	105	74	94	74
16....	88	56	71	35	85	58	89	60	83	53	92	60	97	72	84	58	90	71	84	67	91	58	88	65	98	72	94	70
17....	89	60	75	38	86	60	99	69	83	51	87	64	95	71	86	67	92	61	90	90	87	67	90	69	97	71	91	75
18....	96	60	74	42	81	62	86	62	81	52	84	62	92	73	83	66	88	63	88	63	89	61	88	69	98	74	91	70
19....	91	70	62	43	91	60	90	62	85	52	85	62	87	73	87	63	92	51	90	63	88	60	87	64	99	73	94	68
20....	95	61	69	43	86	64	94	63	85	51	94	67	91	75	94	69	98	68	93	70	100	67	92	72	99	72	97	71
Mns.	93.4	61.6	66.6	39.5	86.6	59.0	92.7	62.1	82.7	50.8	92.5	66.0	95.1	71.9	90.7	66.6	94.8	68.0	90.8	69.6	94.1	65.1	92.1	71.0	100.1	73.1	97.4	72.0

Date.	Oklahoma—Continued.										Missouri.										Blandville, Ky.		Jackson, Tenn.					
	Enid.		McAlester.		Mangum.		Muskogee.		Oklahoma.		Weatherford.		Woodward.		Caruthersville.		Ironton.		Lamar.		Olden.		Springfield.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	86	65	85	67	93	68	83	66	82	63	89	68	90	66	79	66	79	62	86	63	76	65	79	63	77	67	80	67
2....	91	66	92	71	90	68	87	71	90	69	93	70	82	69	79	65	85	65	77	64	75	65	78	67	84	68	90	70
3....	93	73	93	75	93	72	91	80	87	73	93	71	93	69	90	66	89	65	90	70	85	63	85	69	90	70	90	70
4....	91	72	92	72	94	69	89	71	88	71	93	73	91	74	91	72	90	66	96	70	87	67	88	69	94	70	92	70
5....	91	72	93	73	91	68	91	70	88	63	94	66	83	63	97	72	93	64	92	63	91	78	87	67	81	70	92	68
6....	93	60	92	65	91	61	86	66	85	65	89	61	90	57	80	70	90	68	88	67	89	68	85	68	90	72	105	70
7....	94	60	96	68	94	66	93	69	90	69	95	65	95	66	86	70	88	66	97	62	94	62	97	62	90	68	105	70
8....	96	64	96	73	95	67	92	72	91	71	96	68	97	73	95	69	96	68	98	72	86	68	98	72	106	73	105	77
9....	97	72	96	73	95	68	95	76	91	74	96	71	98	72	92	71	91	67	94	72	88	69	90	71	97	73	97	73
10....	98	70	99	72	99	70	95	75	103	70	98	67	92	73	90	72	93	70	97	72	90	66	90	72	95	70	97	70
11....	99	72	98	65	101	71	90	64	95	74	99	68	101	71	92	69	90	62	92	66	87	64	87	64	83	69	89	69
12....	100	71	98	72	101	70	95	71	96	73	100	72	103	76	93	76	89	64	93	69	88	66	88	72	86	69	93	71
13....	101	70	98	73	101	70	96	75	96	74	102	72	102	70	96	72	92	69	95	75	89	69	91	71	93	73	94	70
14....	100	72	98	74	99	71	94	72	96	74	100	73	102	75	98	72	94	70	95	73	91	72	90	72	96	72	96	72
15....	93	74	99	74	99	72	99	70	96	75	103	70	98	69	93	68	99	75	96	66	92	72	91	71	93	73	96	72
16....	97	69	96	72	99	71	95	70	91	70	94	69	94	60	96	76	88	70	92	66	91	59	85	69	88	73	93	71
17....	91	73	94	71	96	71	91	71	85	72	90	70	89	65	93	76	91	71	90	70	88	67	85	70	87	73	88	71
18....	93	71	94	72	94	69	92	71	90	72	91	70	90	66	90	75	89	66	88	67	87	67	84	67	86	72	87	70
19....	96	67	95	70	95	68	94	80	91	69	97	65	92	61	90	70	83	60	89	63	85	64	84	64	81	67	90	69
20....	100	70	96	74	101	70	90	75	9																			

TABLE 3.—Maximum and minimum temperatures for July, 1912. District No. 7—Continued.

Date.	Tennessee—Continued.				Arkansas.												Mississippi.													
	Kenton.		Memphis.		Benton-ville.		Corning.		Dardan-elle. \$		El Dorado. \$		Fort Smith.		Little Rock.		Pine Bluffs. \$		Texar-kana. \$		Wynne. \$		Clarks-dale. \$		Corinth. \$		Green-ville. \$			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1.....	78	63	80	69	81	62	80	68	83	64	86	70	83	67	83	68	83	68	87	62	84	63	82	70	82	65	85	70		
2.....	79	68	79	71	85	67	79	69	88	67	92	71	90	70	87	71	89	71	92	69	84	71	86	71	82	68	91	71		
3.....	91	66	85	71	87	72	88	65	90	69	89	72	92	74	86	74	83	69	91	72	80	62	88	69	90	68	90	71		
4.....	89	74	88	69	90	72	92	69	91	71	94	72	91	72	91	70	91	72	94	72	93	72	92	70	94	73	93	73		
5.....	89	74	89	64	90	72	92	68	94	72	94	71	93	73	95	70	94	72	90	71	93	72	90	70	95	73	93	73		
6.....	83	67	82	69	87	68	88	70	93	68	94	73	92	69	88	74	90	71	96	77	87	74	86	72	82	68	92	70		
7.....	89	73	90	66	89	72	89	69	92	70	92	72	91	71	92	69	94	70	98	71	91	86	90	71	86	69	94	71		
8.....	90	67	90	73	90	68	90	69	89	73	94	72	91	69	92	71	95	68	91	71	91	70	88	68	93	71	93	71		
9.....	87	69	88	72	91	68	91	73	93	70	92	71	95	73	91	74	93	70	95	71	90	73	90	73	88	68	93	73		
10....	87	71	87	69	93	70	90	73	93	73	94	70	97	74	93	71	97	71	93	74	91	73	90	70	93	72	93	72		
11....	87	68	85	69	91	67	88	67	92	69	93	70	93	73	90	69	85	71	99	70	90	75	81	69	90	72	91	73		
12....	89	69	89	72	92	70	89	71	93	68	91	67	97	73	88	69	93	67	96	68	91	69	92	70	92	65	92	70		
13....	90	70	90	76	93	71	91	73	93	70	92	69	97	74	91	72	94	71	95	70	95	73	94	73	96	70	96	72		
14....	92	71	93	76	92	71	93	73	94	72	95	73	97	75	92	75	96	72	95	73	95	72	96	72	97	73	97	73		
15....	94	72	93	77	92	70	93	74	94	71	93	74	94	76	93	76	95	73	98	74	96	73	95	70	96	72	98	73		
16....	92	72	91	76	91	67	93	72	91	73	94	70	94	74	91	70	94	71	96	72	93	74	92	70	96	70	96	73		
17....	89	72	88	74	88	66	89	73	92	70	94	73	93	71	89	70	95	73	97	71	94	75	84	72	96	75	96	75		
18....	85	72	84	74	86	66	88	71	90	69	92	73	92	72	89	73	91	72	97	70	90	73	87	72	91	76	91	76		
19....	87	69	87	74	88	64	85	69	89	71	83	74	90	72	87	74	90	73	88	70	90	73	89	70	92	70	92	74		
20....	87	69	89	75	87	69	88	74	86	74	90	75	89	75	88	74	91	73	90	74	93	78	88	72	94	74	94	74		
21....	91	75	90	76	92	73	91	76	91	72	94	73	95	76	92	74	94	72	96	71	95	75	95	74	92	72	94	74		
22....	93	73	91	77	94	73	93	75	95	73	93	73	98	76	94	75	95	73	97	74	94	74	95	74	95	74	95	74		
23....	98	71	78	91	92	73	93	75	94	72	93	72	96	76	97	74	95	73	97	75	93	75	96	74	95	75	95	75		
24....	94	72	92	79	95	72	93	76	97	72	95	75	97	75	94	75	95	72	97	73	98	70	90	73	95	76	97	77		
25....	94	72	93	78	94	73	93	77	95	71	97	72	99	75	99	76	99	75	100	71	98	76	97	74	98	76	99	76		
26....	86	66	88	74	90	72	89	68	94	73	99	76	99	77	96	80	97	76	102	71	93	74	94	73	93	68	98	80		
27....	60	85	69	96	70	86	62	94	71	94	74	96	75	97	72	93	73	92	70	90	63	90	65	87	61	93	70	95	70	
28....	92	71	92	71	98	71	92	63	95	74	96	68	101	76	96	71	96	65	101	72	95	72	94	64	92	62	95	67		
29....	90	70	95	68	91	72	100	76	98	71	97	76	94	77	97	74	100	74	93	73	91	68	92	68	87	70	90	70		
30....	88	62	89	74	94	63	90	65	96	71	95	70	99	71	96	71	97	73	101	74	94	67	95	72	95	66	97	70		
31....	84	67	84	75	86	63	88	70	90	69	85	72	90	70	87	71	85	73	93	70	88	71	87	76	90	70	90	74		
Mns.....	88.5	69.2	88.2	73.5	90.6	68.5	80.4	70.6	92.3	70.5	92.7	71.8	94.4	73.3	91.0	73.0	92.7	71.5	95.6	71.2	91.8	71.5	91.2	71.4	90.4	69.9	93.6	72.7		
Mississippi—Continued.				Louisiana.												Shreveport.														
Date.	Kosciusko. \$		Natchez. \$		Vicksburg.		Alexandria. \$		Baton Rouge. \$		Coving-ton. \$		Lafay-et-ette. \$		Lake Charles. \$		Monroe. \$		New Orleans.		Robeline. \$		Schriever. \$							
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
	85	67	87	71	85	69	90	70	96	70	87	71	97	70	91	64	90	70	79	70	90	65	89	69	90	72	93	69	93	72
1.....	84	69	88	65	87	70	90	70	89	65	91	68	89	71	91	67	94	70	87	71	95	70	93	69	93	72	93	73	93	73
2.....	89	70	90	72	87	71	95	73	90	69	91	70	95	72	92	68	95	73	88	74	96	72	92	72	90	70	90	72	90	72
3.....	92	70	91	67	90	72	95	72	91	70	92	71	94	71	93	68	95	72	88	74	96	72	92	72	90	70	90	72	92	73
4.....	92	70	91	68	87	71	95	73	92	72	92	71	94	71	93	68	95	73	88	74	96	72	92	72	90	70	90	72	92	73
5.....	88	68	89	72	87	70	92	73	90	68	91	71	97	71	96	69	95	71	86	73	96	70	90	70	95	75	95	75	95	75
6.....	88	69	92	69	90	68	96	73	90	71	91	70	93	71	97	69	95	71	86	73	96	70	90	70	95	75	95	75	95	75
7.....	91	69	91	68	92	70	94	72	96	69	97	71	97	71	98	69	96	70	87	75	95	70	91	70	91	72	91	72	91	72
8.....	90	69	90	65	89	70	92	70	87	69	81	71	93	72	98	69	93	70	84	72	95	69	90	71	91	74	94	74	94	74
9.....	83	70	89	70	89	71	96	73	96	69	80	71	94	71	95	67	97	72	83	73	98	68	90	70	90	73	92	72	92	73
10....	91	71	90	70	91</td																									